

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

PTO Form 1449

Attorney ~~Packet~~ No.:
013306-5001-02US

Application No.:
~~Unassigned~~

Applicants: Fanie VAN HEERDEN et al.

Page 1 of 3

Filing Date: February 13, 2002

Group: Unassigned

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
<i>dm</i>	Plant 4,199	01/24/1978	Cobia et al.	—	—	
	4,185,116	01/22/1980	Barnish et al.	—	—	
	4,302,447	11/24/1981	Mendy et al.	—	—	
	4,393,049	07/12/1983	Horrobin	—	—	
	4,584,289	04/22/1986	Jarreau et al.	—	—	
	4,882,315	11/1989	Chiodini et al.	—	—	
	4,931,463	06/05/1990	Barbier et al.	—	—	
	5,175,186	12/29/1992	Barbier et al.	—	—	
	5,246,960	09/21/1993	Barbier et al.	—	—	
	5,364,636	11/15/1994	Ochi	—	—	
	5,516,516	05/14/1996	Cherksey	—	—	
	5,605,698	02/25/1997	Ueno	—	—	
	5,693,327	12/02/1997	Shah	—	—	
	5,698,199	12/16/1997	Mori et al.	—	—	
	5,798,101	08/25/1998	Haveson	—	—	
	5,824,668	10/20/1998	Rubinfeld et al.	—	—	
	5,908,609	06/01/1999	Lee et al.	—	—	
<i>dm</i>	6,100,048	08/08/2000	Cone et al.	—	—	

U.S. PTO
10/07/3357
02/13/02

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation Yes No
<i>dm</i> 0 101 383 A1	02/22/1984	Europe	—	—	
0 123 456 A2	01/2000	Europe	—	—	
97/47316	12/18/1997	WO	—	—	
98/10068	03/12/1998	WO	—	—	
98/27113	06/25/1998	WO	—	—	
<i>dm</i> 98/28335	07/02/1998	WO	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>dm</i>	E. Borowski et al., "Chemical Studies on Amphotericin B II. 2-Methylheptadecanedioic Acid From Perhydrogenated Amphotericin B", <i>Tetrahedron Letters</i> , No. 9, pp. 473-478, (1965).
	H. Bando et al., "Constituents of Asclepiadaceae plants. XXXI. Component of <i>Stapelia grandiflora</i> MASS", <i>Chemical and Pharmaceutical Bulletin</i> , Vol. 22, No. 5, pp. 1209-1211, (1974).
	P. Bruyns, "A revision of Hoodia and Lavrania (Asclepiadaceae – Stapelieae)", <i>Botanische Jahrbucher Fur Systematik Pflanzengeschichte Und Pflanzengeographie</i> , Vol. 115, No. 2, pp. 145-270, (1993).
	P. Bruyns, "New combinations in Hoodia and Lavrania (Asclepiadaceae – Stapelieae)", <i>South African Journal of Botany</i> , Vol. 59, No. 3, p. 342, (1993).
	Chen et al., "A novel C-21 steroidal glycoside from Marsdenia incisa", <i>Chemical Abstracts</i> , Vol. 115, No. 25, p. 591, (1991), Abstract No. 275751.
	S.W. Chen et al., "The hyperphagic effect of 3-alpha-hydroxylated pregnane steroids in male rats", <i>Pharmacol Biochem Behav.</i> Vol. 53, No. 4, pp. 777-782, (1996).
<i>dm</i>	A.J. Coombes, <i>Dictionary of Plant Names</i> , Timber Press Inc., Portland, Oregon, p. 31, (1985).

Examiner

dm

Date Considered

3/7/03

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449		Attorney Docket No.: 013306-5001-02US	Application No.: 09/402,962 0/013,357
		Applicants: Fanie VAN HEERDEN et al. Page 2 of 3	
		Filing Date: February 13, 2002	Group: Unassigned

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	A. De Rick et al., "Digoxin-quinidine interaction in the dog", J Vet Pharmacol Ther. Vol. 4, No. 3, pp. 215-218, (1981).
	D. Deepak et al., "A new pregnane glycoside from <i>Periploca calophylla</i> ", Indian Journal of Chemistry, Section B, Vol. 25b, No. 1, pp. 44-45, (1986).
	R.E. Dolle et al., "Total synthesis of elfamycins: aurodox and efrotomycin. 1. Strategy and construction of key intermediates", J Am Chem Soc., Vol. 107, No. 6, pp. 1691-1694, (1985).
	R.E. Dolle et al., "Total synthesis of elfamycins: aurodox and efrotomycin. 2. Coupling of key intermediates and completion of the synthesis", J Am Chem Soc. Vol. 107, No. 6, pp. 1695-1698, (1985).
	J.D. Douketis et al., "Periodic health examination, 1999 update: 1. Detection, prevention and treatment of obesity", Canadian Medical Association Journal, Vol. 160, pp. 513-525, (1999).
	W. Fan et al., "Role of melanocortinergic neurons in feeding and the agouti obesity syndrome", Nature, Vol. 385, No. 6612, pp. 165-168, (1997).
	S. Foster et al., "A Field Guide to Medicinal Plants, Eastern and Central North America", Houghton Mifflin Company, Boston, pp. 136, 154.
	J.I. Glendinning, "Effectiveness of cardenolides as feeding deterrents to <i>Peromyscus</i> mice", Journal of Chemical Ecology, Vol. 18, No. 9, pp. 1559-1575, (1992), Chemical Abstracts, Vol. 117, No. 25, p. 463, Abstract No. 249115, (1992).
	G. Habermehl et al., "Rearrangement of 14 β -hydroxy-12 β -sulfoxy-steroids to 13, 17 -seco- 12, 17 -cyclosteroids; a 2D-NMR analysis", Z. Naturforsch, Vol. 40b, No. 5, pp. 656-660, (1985).
	C. Haskell-Luevano et al., "Discovery of prototype peptidomimetic agonists at the human melanocortin receptors MC1R and MC4R", J Med Chem. Vol. 40, No. 14, pp. 2133-2139, (1997).
	K. Hayashi et al., "Four pregnane glycosides, boucerosides A1, A11, B1 and B11, from <i>Boucerosia aucheriana</i> ", Phytochemistry, Vol. 27, No. 12, pp. 3919-3924, (1988).
	M. Heller et al., "Electrophilic addition to the delta- 14 double bond of a steroid", Steroids, Vol. 3, No. 2, pp. 193-201, (1964).
	B.C.F. Hill, "Hoodia Gordonii", Nat. Cact. and Succ. Journal, Vol. 24, No. 3, pp. 69-70, (1969).
	D. Huszar et al., "Targeted disruption of the melanocortin-4 receptor results in obesity in mice", Cell, Vol. 88, No. 1, pp. 131-141, (1997).
	P. Kopelman, "Prescribing for obesity", Journal of the Royal College of Physicians of London, Vol. 33, No. 1, pp. 31-32, (1999).
	C.F. Millspaugh, "American Medicinal Plants", Dover Publications, Inc., New York, pp. 534-543, (1974).
	H. Mitsuhashi et al., "Studies on the constituents of Asclepiadaceae plants, XIII. Epimerization at C-17 and optical rotatory dispersion Study of C/D cis pregnane-2-one derivatives", Steroids Vol. 4, No. 4, pp. 483-493, (1964).
	H. Mitsuhashi et al., "Constituents of Asclepiadaceae plants. XVI. Components of <i>Metaplexis japonica</i> ", Chem Pharm Bull., Vol. 13, No. 11, pp. 1332-1340, (1965), Chemical Abstracts, Vol. 65, No. 10, (1966), Abstract No. 15447d.
	H. Mitsuhashi et al., "Constituents of Asclepiadaceae plants. XXV. Components of <i>Cynanchum boerhavifolium</i> ", Yakugaku Zasshi, Vol. 89, No. 10, pp. 1352-1357, (1969), Chemical Abstracts, Vol. 72, No. 7, pp. 53, (1970), Abstract No. 028873.
	H. Miwa et al., "Structural determinants of the melanocortin peptides required for activation of melanocortin-3 and melanocortin-4 receptors", J Pharmacol Exp Ther. Vol. 273, No. 1, pp. 367-372, (1995).
	Nikaido et al., Components of <i>Boucerosia aucheriana</i> DECNE", Chemical and Pharmaceutical Bulletin, Vol. 15, No. 5, pp. 725-726, (1967).
	M. Oki et al., "Intramolecular interaction between hydroxyl group and carbonyl moiety in keto-alcohols", Bulletin of the Chemical Society of Japan, Vol. 41, No. 1, pp. 176-182, (1968).

Examiner <i>M. Hall</i>	Date Considered 3/7/03
------------------------------------------------------------	------------------------------------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449		Attorney Docket No.: 013306-5001-02US	Application No.: 09/402,962 - 10/073,357
		Applicants: Fanie VAN HEERDEN et al. Page 3 of 3	
		Filing Date: February 13, 2002	Group: Unassigned

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
<div style="font-family: cursive; font-size: 1.2em;">de</div>	<div style="font-family: cursive; font-size: 1.2em;">f</div>	K. Swarupnandan et al., "The subfamilial and tribal classification of the family Asclepiadaceae", Botanical Journal of the Linnaean Society, Vol. 120, pp. 327-369, (1996).
		T. Tanaka et al., "Studies on the constituents of Asclepiadaceae plants. Part 71. Pregnane glycosides from <i>Boucerosia aucheriana</i> ", Phytochemistry, Vol. 29, No. 1, pp. 229-237, (1990).
		J.F. Templeton et al., "Progesterone derivatives that bind to the digitalis receptor: synthesis of 14 beta-hydroxyprogesterone. A novel steroid with positive inotropic activity", J Med Chem. Vol. 30, No. 8, pp. 1502-1505, (1987).
		R. Trivedi et al., "A pregnane ester oligoglycoside from <i>Oxystelma Esculentum</i> ", Phytochemistry, Vol. 28, No. 4, pp. 1211-1213, (1989).
		R. Tschesche et al., "Über pflanzliche Herzgifte, XXX, Mitteil.: Neue Glykoside aus den Blättern von <i>Digitalis purpurea</i> und <i>Digitalis lanata</i> ", Chemische Berichte, Vol. 88, No. 10, pp. 1569-1576, (1955).
		R. Tschesche et al., "Über Digitanolglykoside - IX (1) Zur Konstitution des Digipupuogenin", Tetrahedron Letters, Vol. 9, pp. 473-480, (1964).
		R. Tschesche et al., "Über Digitanolglykoside, 15. Synthese von 12α.20R-epoxy-5α. 14β.17βH-pregnanen", Chemische Berichte, Vol. 100, No. 2, pp. 464-479, (1967).
		Wada et al., "Studies on the constituents of Asclepiadaceae plants. L. Two new oligoglycosides, cynanchoside C2 and cynanchoside C1, from <i>Cynanchum caudatum</i> Max." Chem. Pharm. Sci., Vol. 30, No. 10, pp. 3500-4, (1982).
		O. Warburg, "Die Pflanzenwelt, Dritter Band", Bibliographisches Institut, Leipzig, pp. 146, paragraph 7, (1922).
		www4.torget.se/users/k/Kohleria/Engelska/ascltaxonomi.html , Asclepiadaceae, accessed 09/06/1999.
		www.graylab.ac.uk/usr/hodgkiss/aclass.html , Succulent Asclepiad Genera, accessed 09/06/1999.
		www.graylab.ac.uk/usr/hodgkiss/asclep.html , The Asclepiad Page, accessed 06/15/1999.
		www.graylab.ac.uk/usr/hodgkiss/iassale.html , The International Asclepiad Society, accessed 06/15/1999.
		E. Yoshii et al., "Pregn-14-en-20-ones. Facile preparation and 14β-hydroxylation", Chem Pharm Bull., Vol. 20, No. 8, pp. 1827-1829, (1972), Chemical Abstracts, Vol. 77, No. 17, pp. 477, Abstract No. 114653.
		K. Yoshikawa et al., "Steroidal glycosides from the fresh stem of <i>Stephanotis lutchuensis</i> var. <i>japonica</i> (Asclepiadaceae). Chemical structures of stephanosides A-J", Chem Pharm Bull (Tokyo), Vol. 44, No. 12, pp. 1790-1796, (1996).
<div style="font-family: cursive; font-size: 1.2em;">de</div>		K. Yoshikawa et al., "Steroidal glycosides from the fresh stem of <i>Stephanotis lutchuensis</i> var. <i>japonica</i> (Asclepiadaceae). Chemical structures of stephanosides K-Q", Chem Pharm Bull (Tokyo), Vol. 44, No. 12, pp. 2243-2248, (1966).

Examiner <div style="font-family: cursive; font-size: 1.2em; display: inline-block; width: 150px; vertical-align: middle;">[Signature]</div>	Date Considered <div style="font-family: cursive; font-size: 1.2em; display: inline-block; width: 100px; vertical-align: middle;">3/7/03</div>
----------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.